

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:	Vladimir I. Slepnev	Examiner:	Bertagna, A.M.
Serial No.:	10/600,201		
Filed:	June 20, 2003	Group Art Unit:	1637
Entitled:	METHODS OF DETECTING SEQUENCE DIFFERENCES		
		Conf. No.:	5135

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**Mail Stop AF**  
**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450**

**RESPONSE TO FINAL OFFICE ACTION**

Sir:

This is filed in response to the Final Office Action mailed September 16, 2009 in the above-noted U.S. patent application.

**Amendments to the Claims** can be found in the Listing of the Claims, which begins on **page 2**.

**Remarks** begin on **page 7**.

Kindly enter the following amendments and remarks.